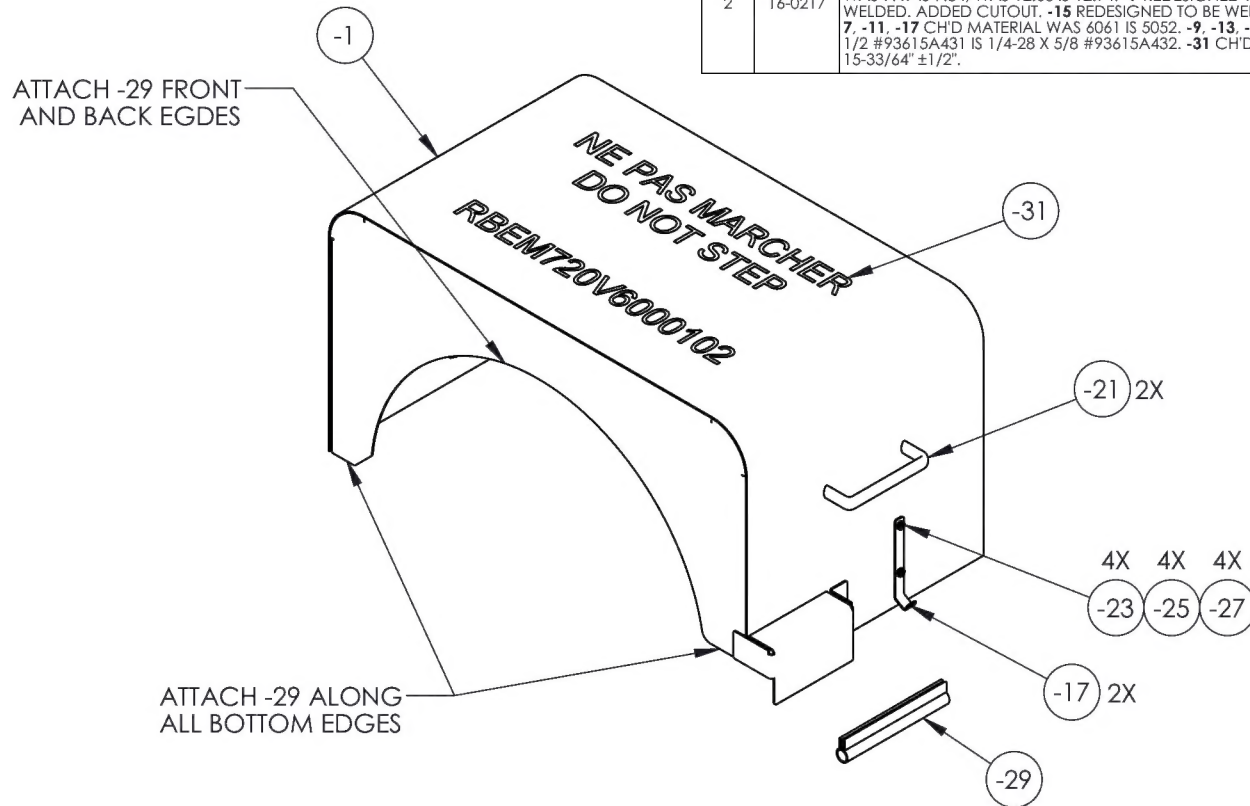


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	1/8/2016	RJC	JAG
2	16-0217	CH'D TOOL NAME WAS LINE MAINTENANCE TOOLING KIT IS ENGINE BLANK. -1 REDESIGNED WAS RIVETED IS WELDED, CORRECTED ORIENTATION OF -11. -3 REDESIGNED TO BE WELDED. CH'D DIMS WAS R10.65 IS 11.00, WAS 12.66 IS 12.94. -5 REDESIGNED TO BE WELDED. ADDED CUTOUT. CH'D DIMS WAS 9.49 IS 9.84, WAS 12.66 IS 12.94. -7 REDESIGNED TO BE WELDED. -11 REDESIGNED TO BE WELDED. ADDED CUTOUT. -15 REDESIGNED TO BE WELDED. WAS FORMED IS ANGLE STOCK. -3, -5, -7, -11, -17 CH'D MATERIAL WAS 6061 IS 5052. -9, -13, -19 DELETED PARTS. -23 CH'D B/O WAS 1/4-28 X 1/2 #93615A431 IS 1/4-28 X 5/8 #93615A432. -31 CH'D DIMS WAS 5.25 IS 5-1/24" ±1/2", WAS 15.16 IS 15-33/64" ±1/2".	11/10/2016	RJC	JAG



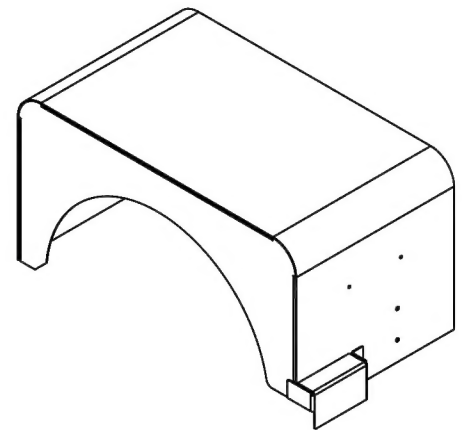
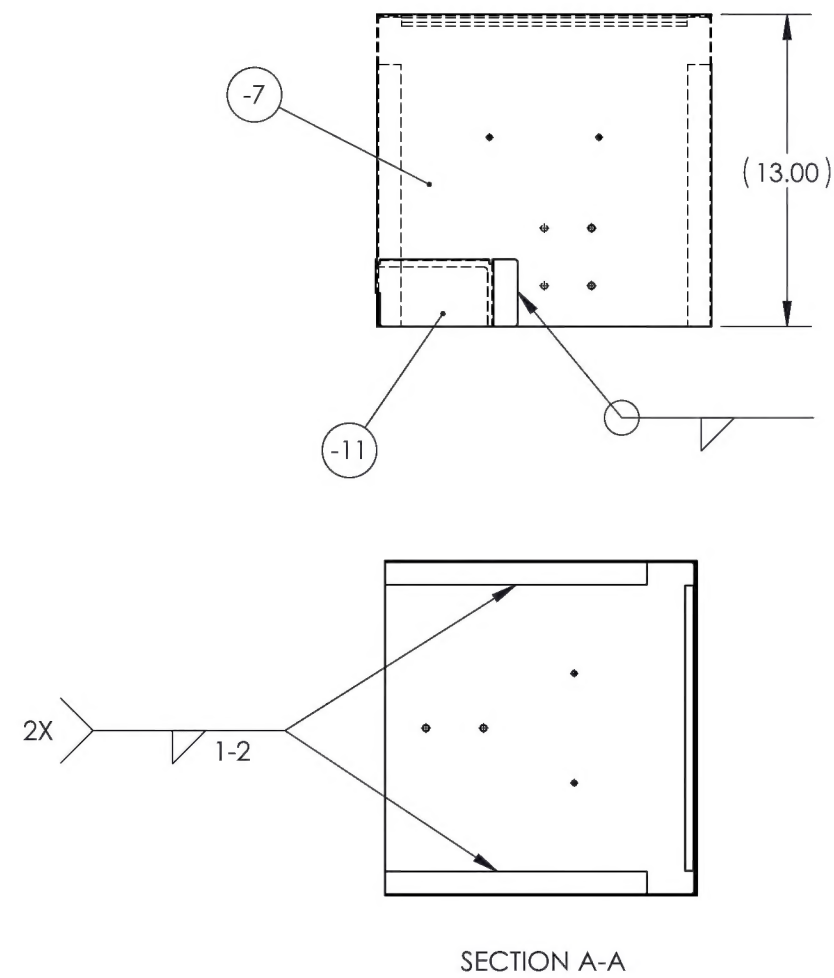
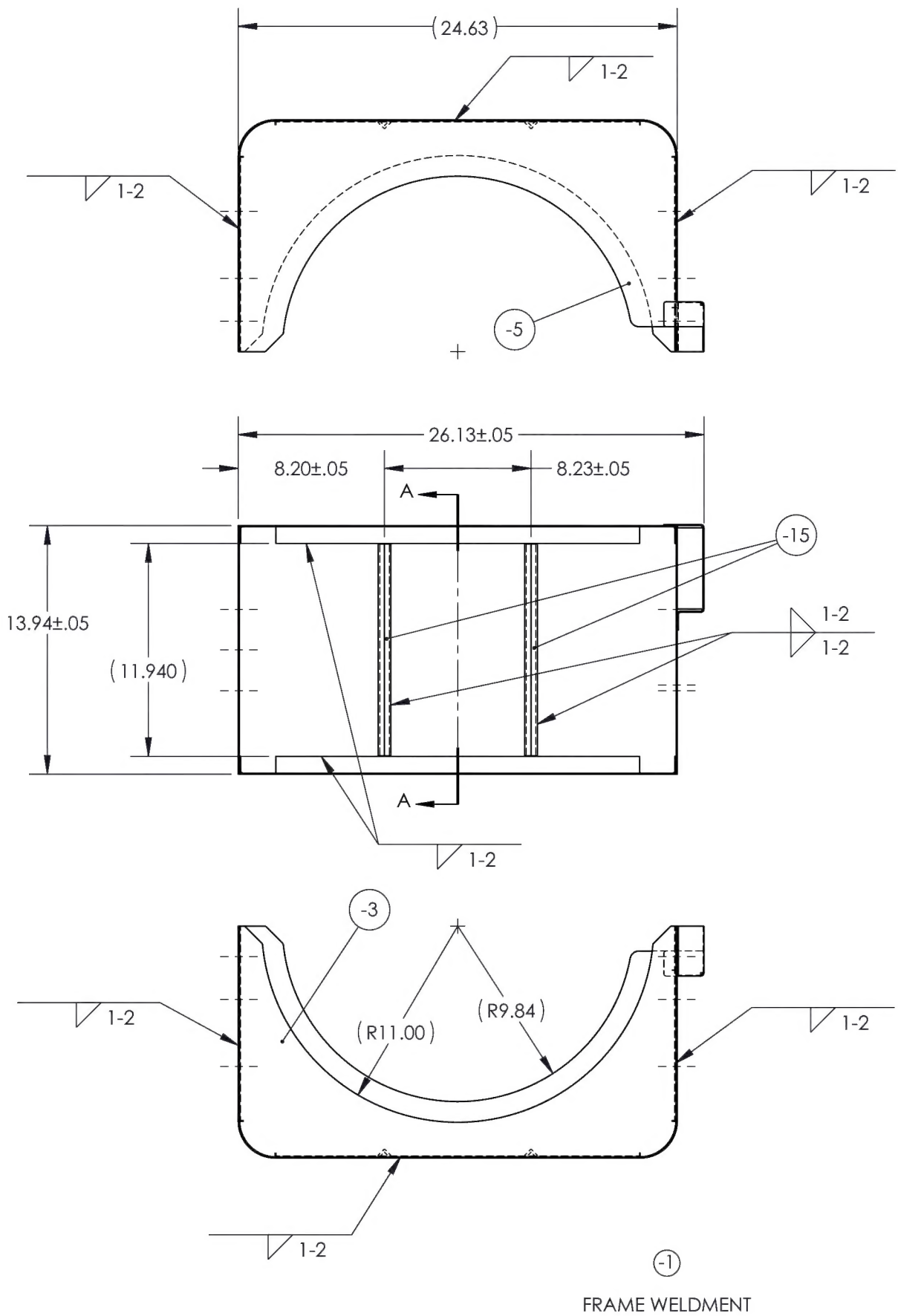
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	FRAME WELDMENT			2
	1		-3		FRONT SHEET	5052		3
	1		-5		BACK SHEET	5052		4
	1		-7		TOP SHEET	5052		5
	1		-11		BOX	5052		6
	2		-15		STIFFENER	6063		7
			-17	2	HOOK	5052		8
		B/O	-21	2	HANDLE	ALUMINUM	4-9/16 CTR-CTR W/MOUNT SCREWS (MCMaster-CARR #1897A59)	1
		B/O	-23	4	SOCKET HEAD CAP SCREW	S.S.	1/4-28 X 5/8 (MCMaster-CARR #93615A432)	1
		B/O	-25	4	FLAT WASHER	S.S.	Ø1/4 (MCMaster-CARR #90107A029)	1
		B/O	-27	4	LOCKNUT	S.S.	1/4-28 (MCMaster-CARR #90715A130)	1
		B/O	-29	A/R	EDGE GRIP	EPDM	Ø21/32 X 3/64 X 1/16 X (105in) (MCMaster-CARR #12335A13)	1
		B/O	-31	1	EMBLEM	BLACK VINYL	(SIGNS NOW)	1
	ASSY -1							

NOTE:
REFERENCE AIRBUS T/N M720V6000102.

DART AEROSPACE	
TITLE ENGINE BLANK	
DWG NO. RBEM720V6000102	REV 2
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:8	DATE 11/10/2016
SHEET 1 OF 9	

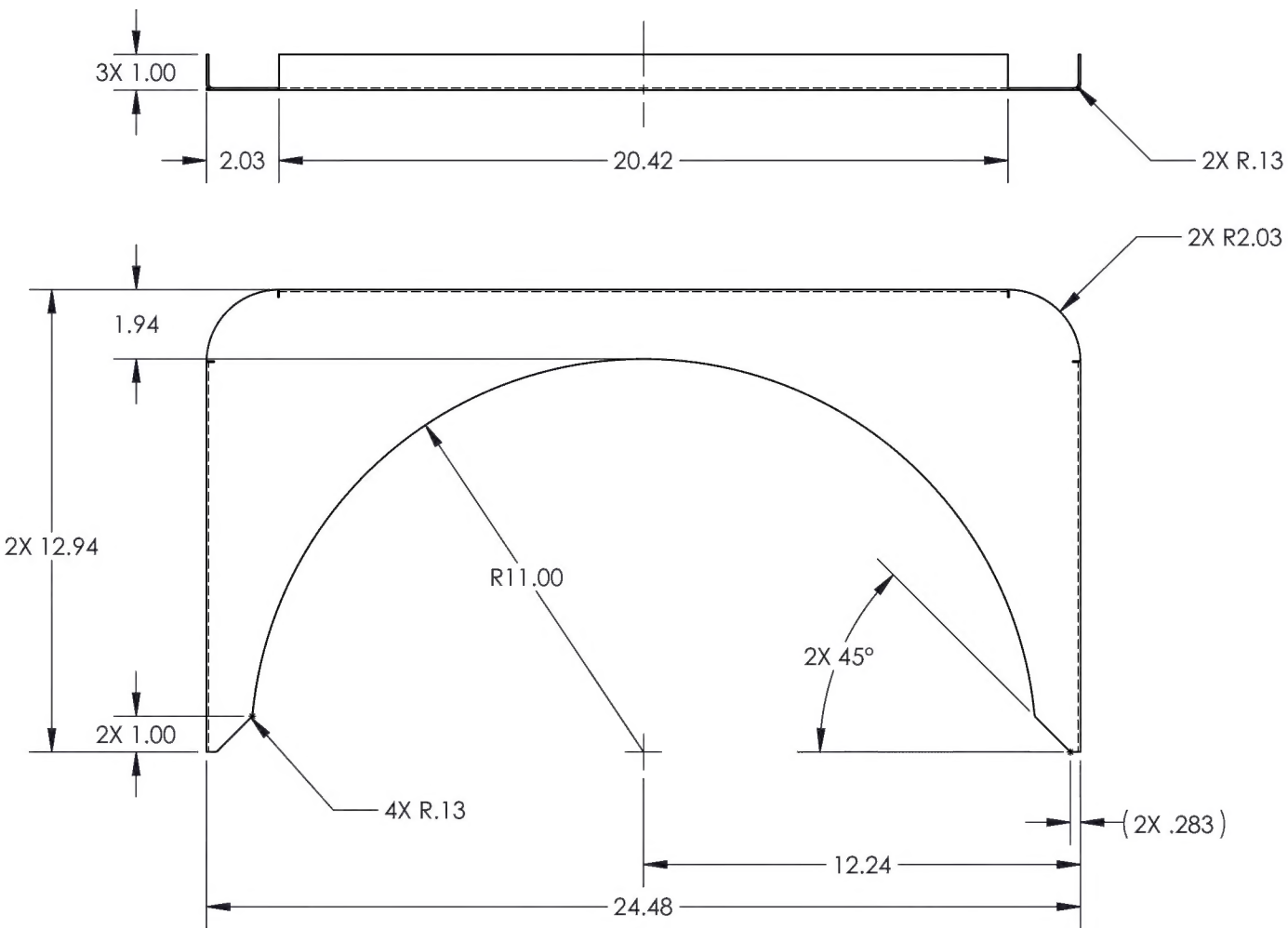
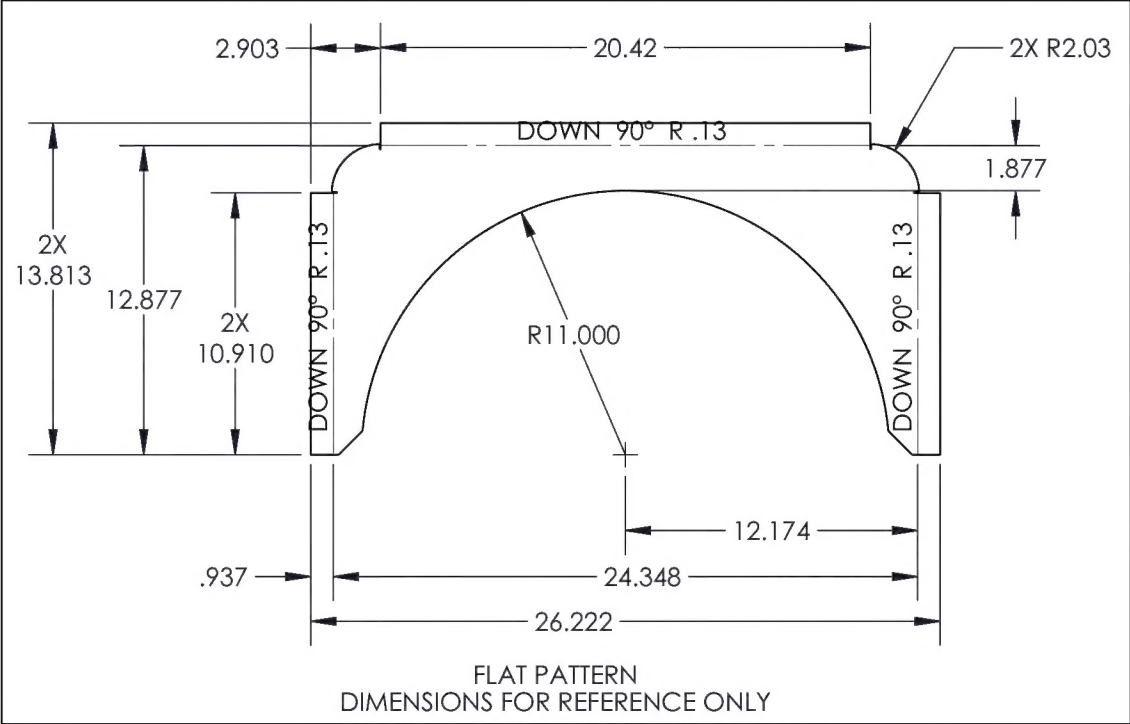
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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2	16-0217	-1 REDESIGNED WAS RIVETED IS WELDED, CORRECTED ORIENTATION OF -11.	11/17/2016	RJC
				JAG



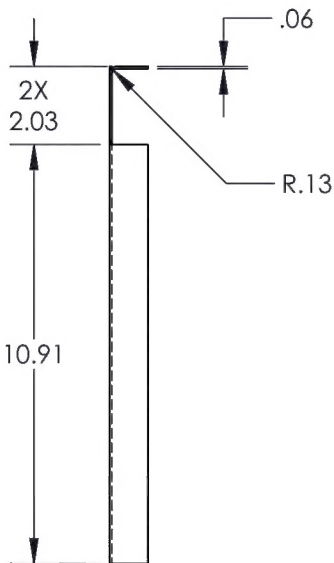
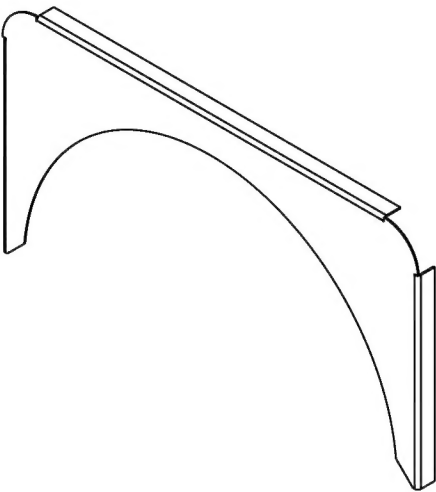
DART AEROSPACE			
TITLE		ENGINE BLANK	
DWG NO.		RBEM720V6000102-1	REV 2
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
FED #13538		.X ± .1 SURFACES = 125/	
DRAWN BY:		1. BREAK ALL SHARP EDGES	
CHECKED:		.015 x 45° OR .015R	
OPPS APPR:		2. DIMENSIONAL LIMITS APPLY	
QA APPR:		AFTER PLATING	
APPROVED:		3. INTERPRET DIM AND TOL PER	
SCALE		ASME Y14.5M-2009	
1:8		USED ON MODEL	
DATE		H175	
11/10/2016		SHEET 2 OF 9	


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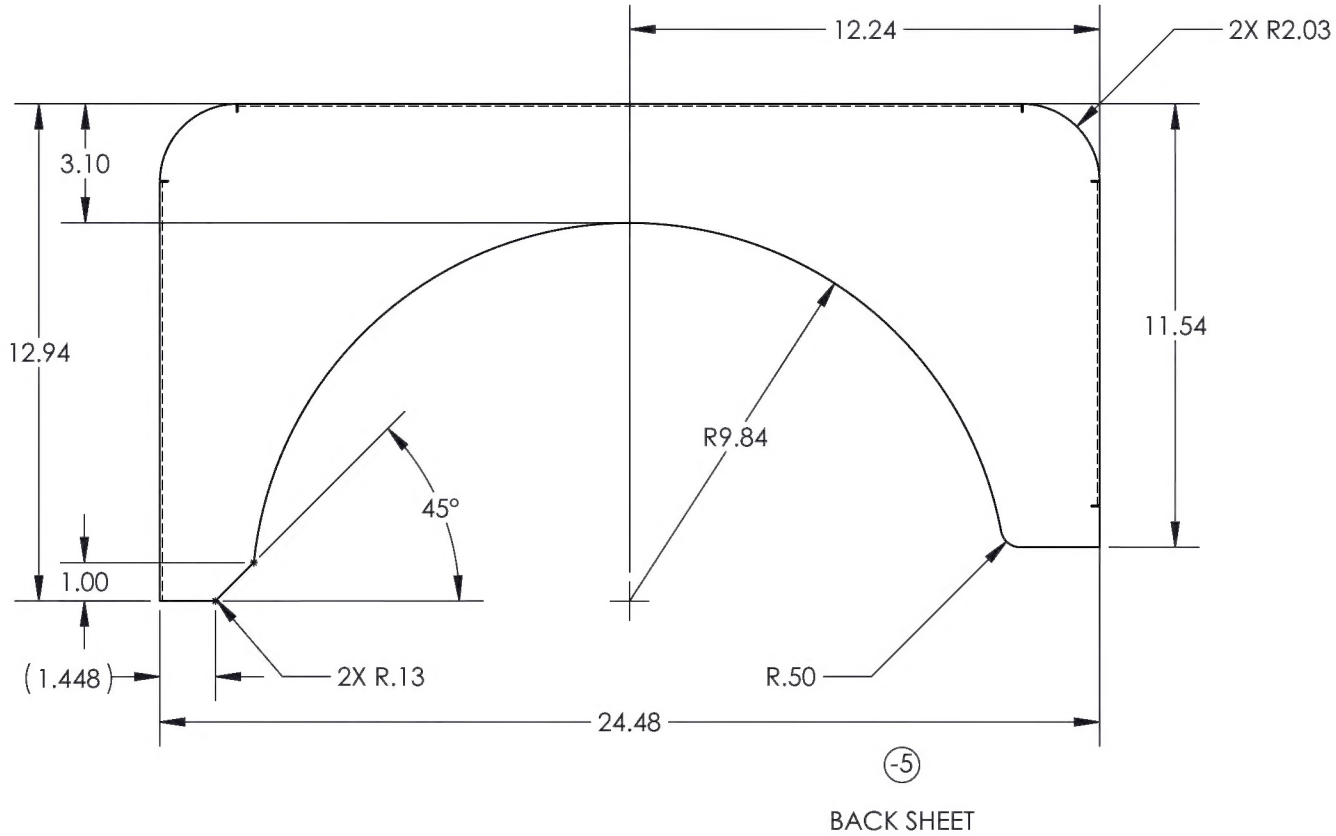
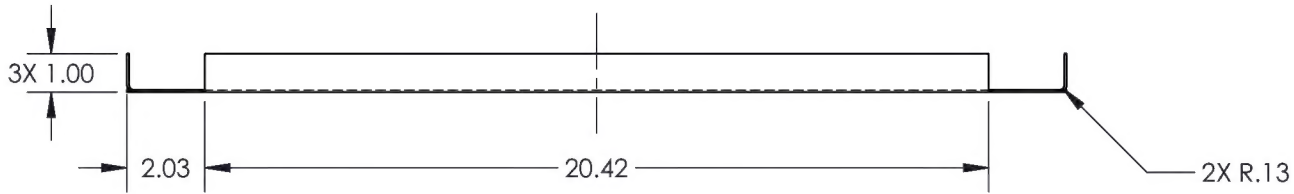
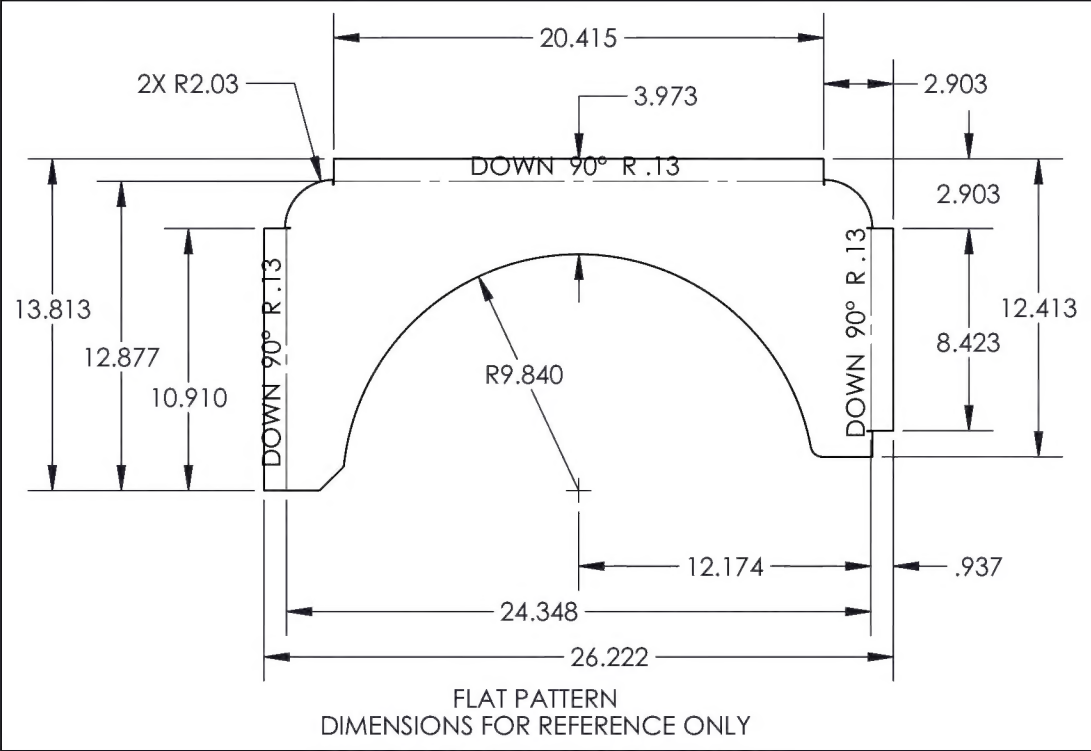
③
FRONT SHEET

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
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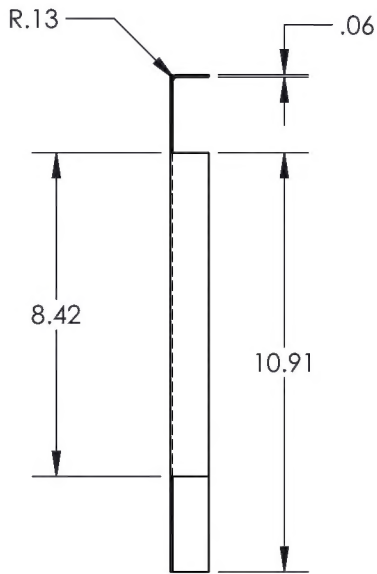
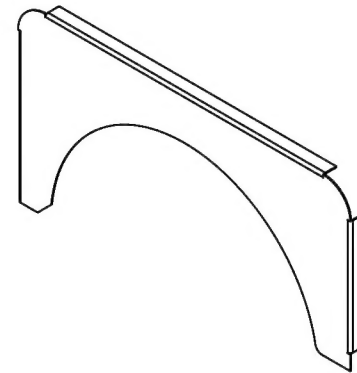


			
TITLE			
ENGINE BLANK			
DWG NO.			REV
RBEM720V6000102-3			2
MAT'L 5052		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ±1° .X ± .1 SURFACES = 125/✓	
HEAT TREAT			
FINISH SEE -1			
SPEC			
DRAWN BY:	CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
CHECKED:	DUERFELDT		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	H175	
SCALE	1:5	DATE	11/10/2016
			SHEET 3 OF 9

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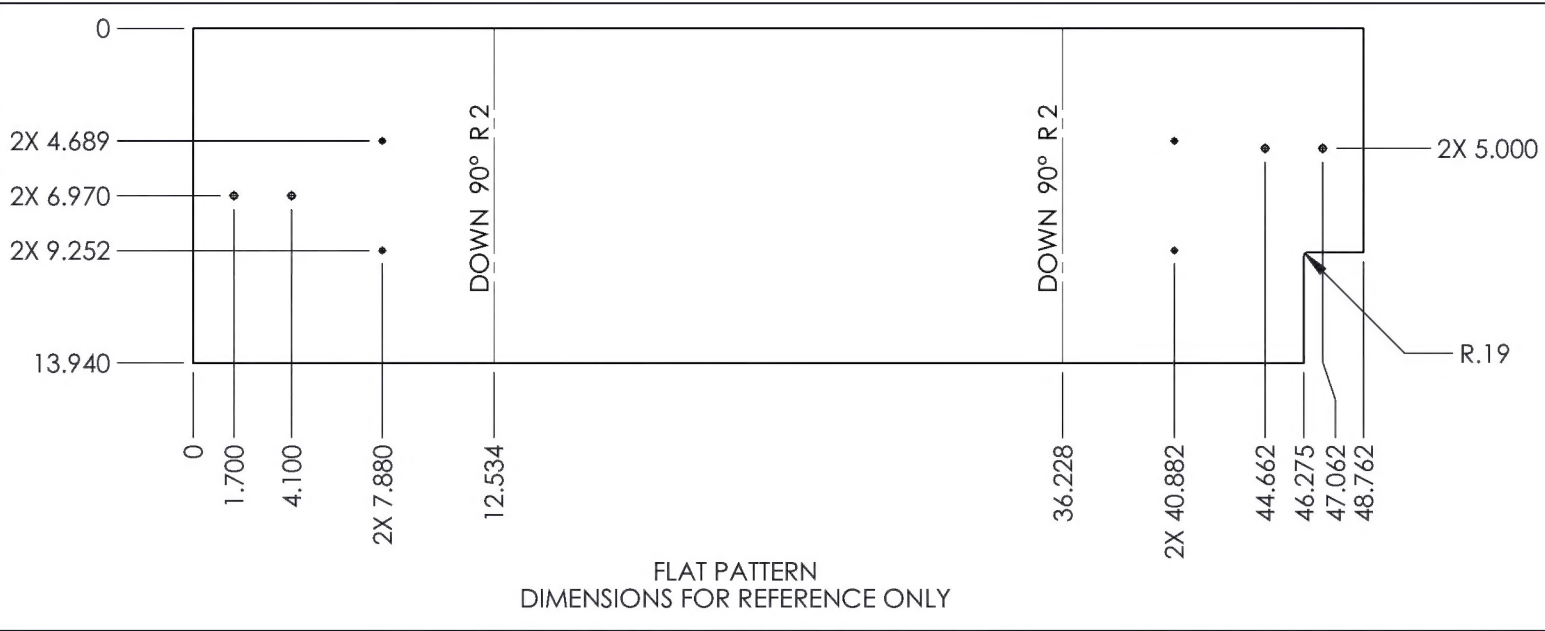
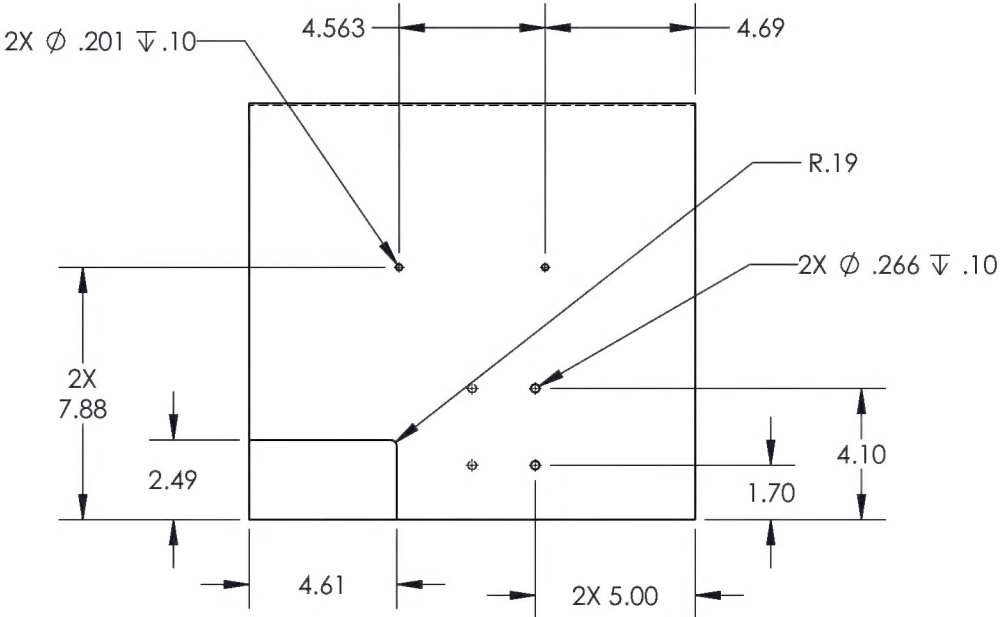
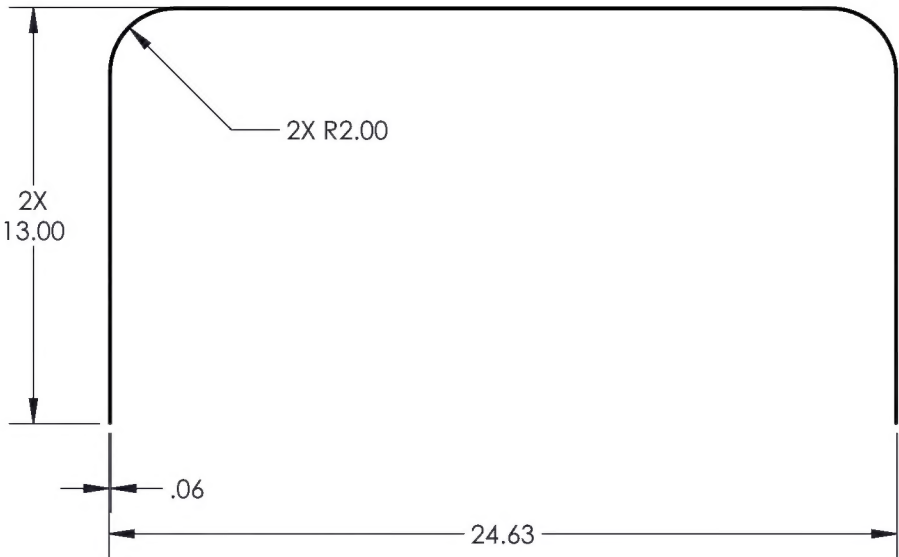
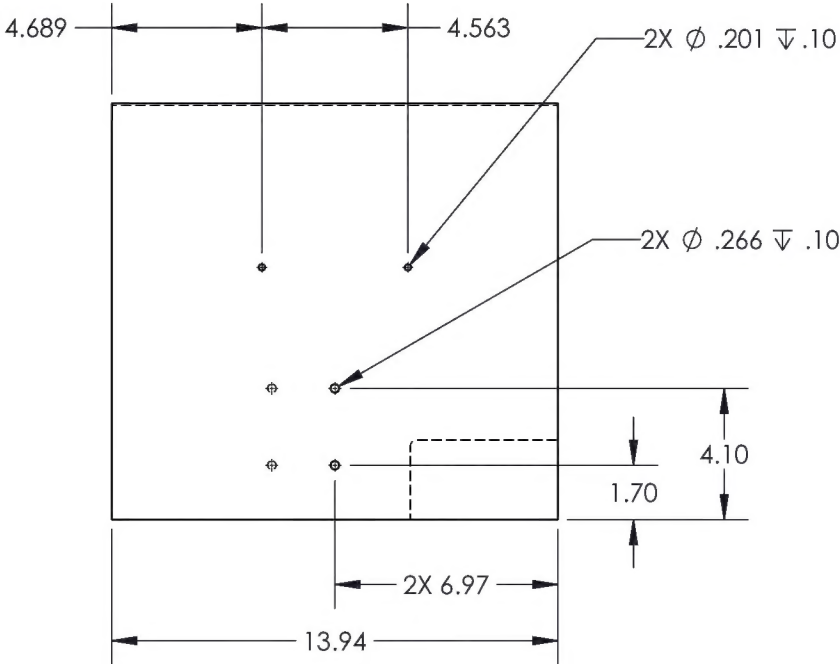
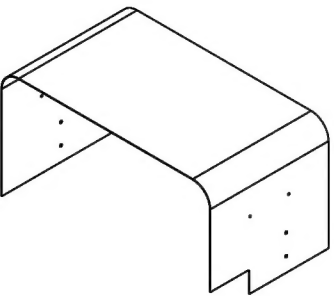
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0217	-5 REDESIGNED TO BE WELDED. ADDED CUTOUT. CH'D DIMS WAS 9.49 IS 9.84, WAS 12.66 IS 12.94.	11/17/2016	RJC	JAG



DART AEROSPACE			
TITLE ENGINE BLANK			
DWG NO. RBEM720V6000102-5			REV 2
MAT'L 5052		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .010 FRACTIONS ± 1/8	
FINISH SEE -1		.XX ± .03 ANGLES ±1°	
SPEC		.X ± .1 SURFACES = 125/	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:5		DATE 11/10/2016	SHEET 4 OF 9

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0217	-7 REDESIGNED TO BE WELDED.	11/17/2016	RJC	JAG

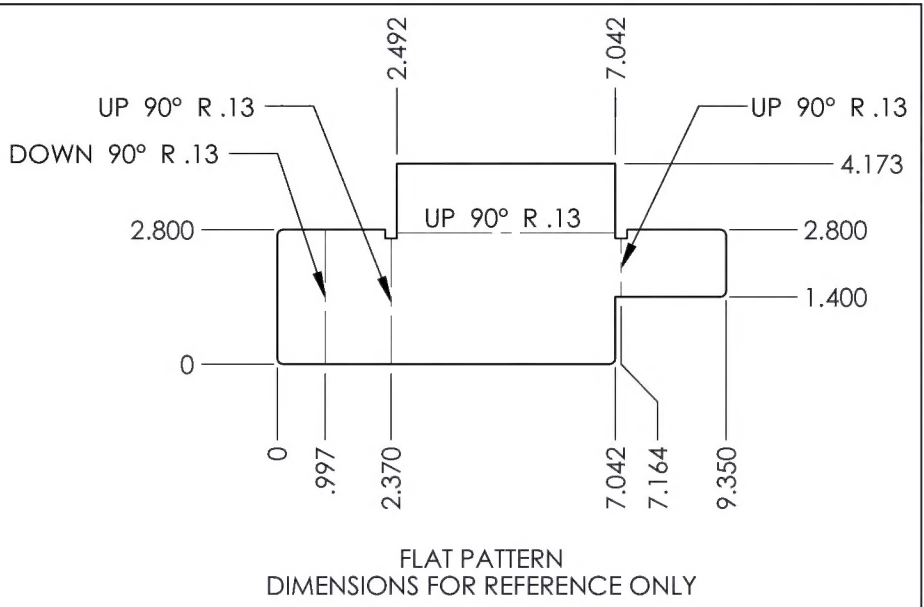
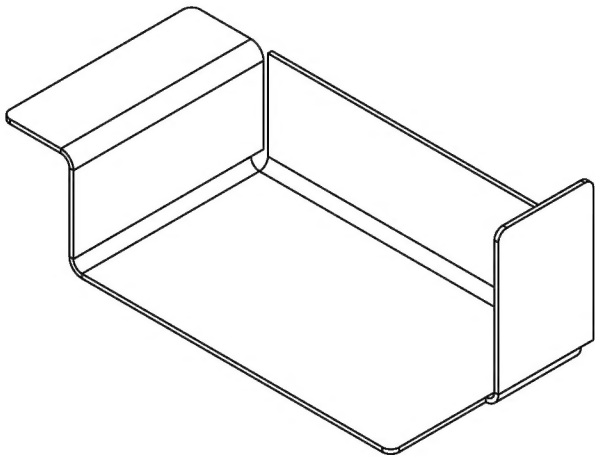
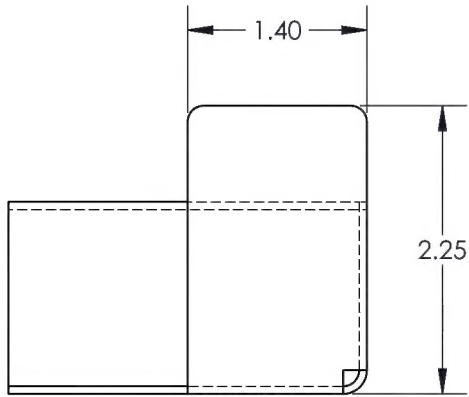
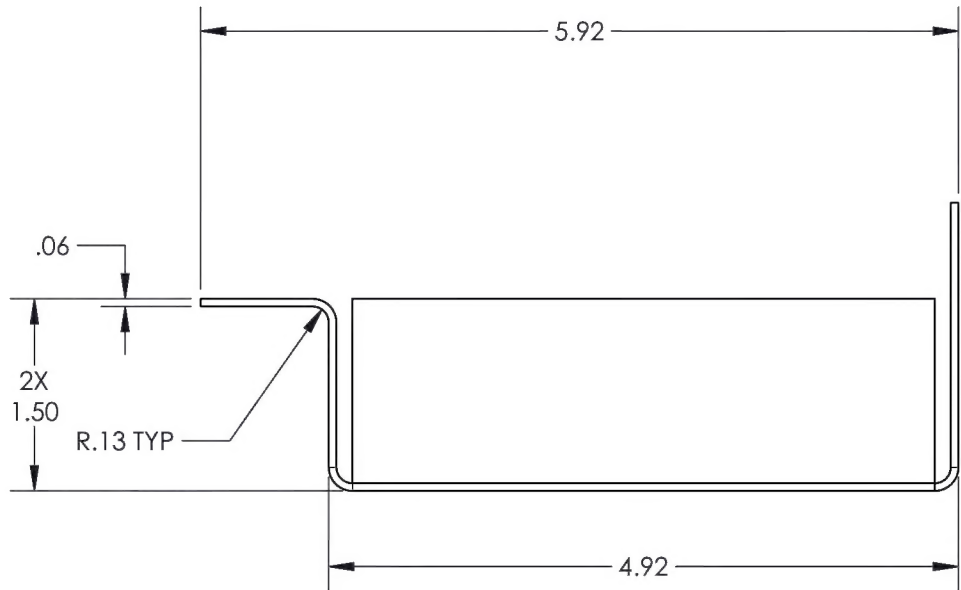


(-7)
TOP SHEET

DART AEROSPACE			
TITLE ENGINE BLANK			
DWG NO. RBE720V6000102-7			REV 2
MAT'L 5052		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -1		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
DRAWN BY: CLOUGH		.X ± .1 SURFACES = 125✓	
CHECKED: DUERFELDT		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:6		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 11/10/2016		USED ON MODEL	
SHEET 5 OF 9		H175	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0217	-11 REDESIGNED TO BE WELDED. ADDED CUTOUT.	11/17/2016	RJC	JAG



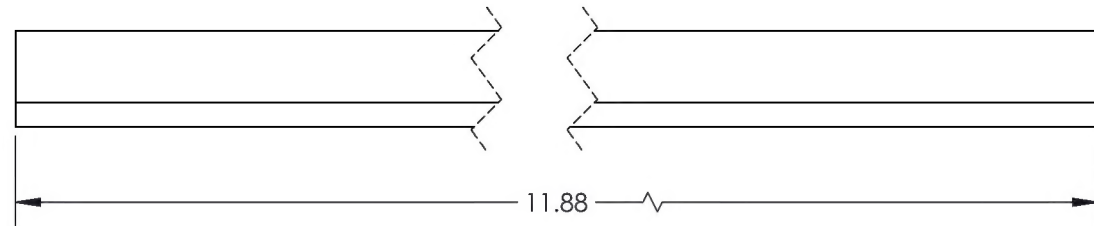
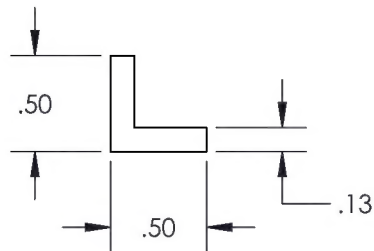
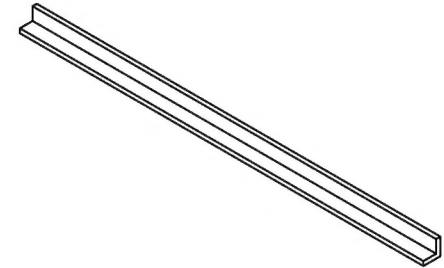
-11

BOX

DART AEROSPACE			
TITLE ENGINE BLANK			
DWG NO. RBEM720V6000102-11			REV 2
MAT'L 5052		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .010 FRACTIONS ± 1/8	
FINISH SEE -1		.XX ± .03 ANGLES ±1°	
SPEC		.X ± .1 SURFACES = 125✓	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 2:3	DATE 11/10/2016	SHEET 6 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0217	-15 REDESIGNED TO BE WELDED. WAS FORMED IS ANGLE STOCK.	11/17/2016	RJC	JAG

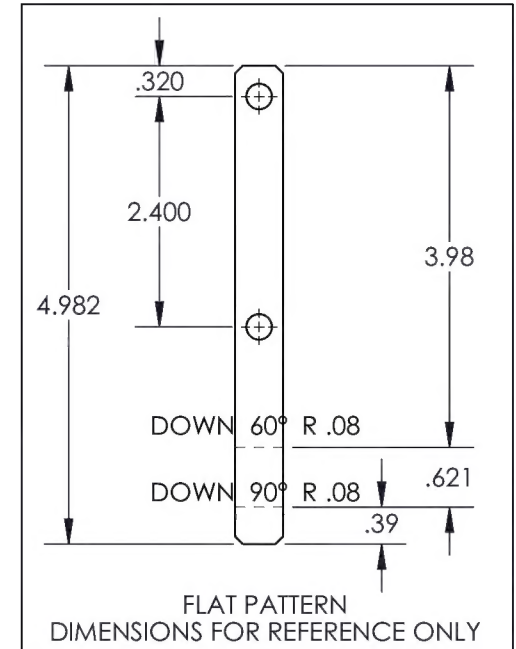
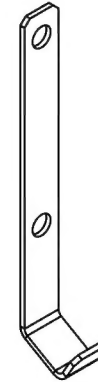
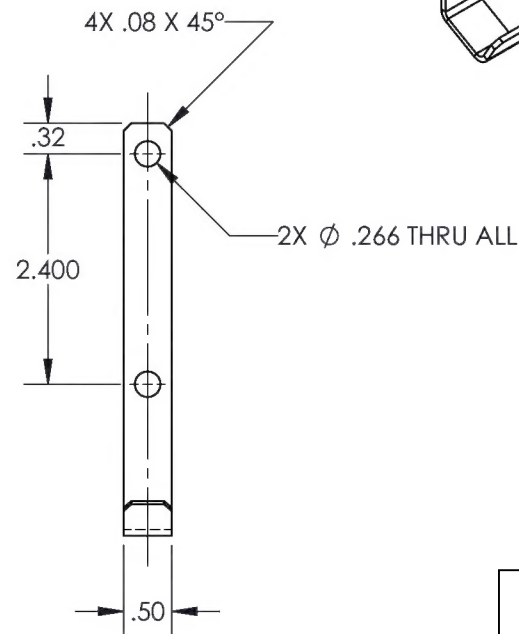
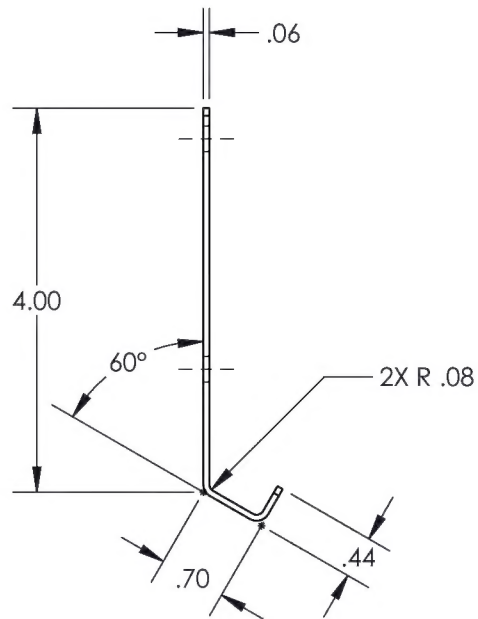


(-15)
STIFFENER

DART AEROSPACE	
TITLE ENGINE BLANK	
DWG NO. RBEM720V6000102-15	REV 2
MAT'L 6063	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 11/10/2016
	SHEET 7 OF 9

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



(17)
HOOK

DART AEROSPACE	
TITLE ENGINE BLANK	
DWG NO. RBEM720V6000102-17	REV. 2
MAT'L 5052	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .03 ANGLES ± 1°
SPEC MIL-A-8625, TYPE II, CLASS I	.X ± .1 SURFACES = 125✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 12/15/2015
SHEET 8 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0217	-31 CH'D DIMS WAS 5.25 IS 5-1/24" ±1/2", WAS 15.16 IS 15-33/64" ±1/2'.	11/10/2016	RJC	JAG

1-1/4 ARIAL FONT
BLACK LETTERS

5 $\frac{1}{4}$ " ± $\frac{1}{2}$ "

NE PAS MARCHER
DO NOT STEP
RBEM720V6000102

15 $\frac{33}{64}$ " ± $\frac{1}{2}$ "

(-31)

EMBLEM

DART AEROSPACE	
TITLE ENGINE BLANK	
DWG NO. RBEM720V6000102-31	REV 2
MAT'L BLACK VINYL	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 12/15/2015
	SHEET 9 OF 9